				OPDE	D EOD SI	IDDI IES O	R SERVICES	2				PAGE 1 OF 35
				OKDE	K FOR SC	JIILLES O	K SERVICE.	·				
1. CONTI	RACT PURCH O	RDI	ER/AGREEMENT NO.	2. DELIV	VERY ORDER	/CALL NO.	3. DATE OF ORD (YYYYMMMDD)	ER/CAI	LL 4. REQU	UISITION/PURCH RE	QUEST NO.	5. PRIORITY
6. ISSUEI	HZV-04-P-0	480)	CODE	W56HZV	7. ADMINISTI	2004FEB12 ERED BY (If other t	han 6)	SEE S	CODE S	2303A	DXA4 8. DELIVERY FOB
TAC AMS JOS WAR	OM WARREN TA-AQ-AHPB EPH CLOFT REN, MICHI	(5 8 GA1	BLDG 231 36)573-2652 V 48397-5000 ACOM.ARMY.MIL ENG.TACOM.ARMY.M		<u> </u>	DCM# RIVE 678 GRAN	A GRAND RAPIC ERVIEW CENTER FRONT ST., N ND RAPIDS, MI	OS BLDO IW : 49!		<u> </u>		DESTINATION X OTHER (See Schedule if
9. CONTI	RACTOR			CODE	01BB2	SCD: A FACILI	PAS: N		ELIVER TO F	ADP PT: HQ03: OB POINT BY (Date)	3.7	other) 11. X IF BUSINESS IS
NAME AND ADDRESS	4511 E GRAND	P.	MANUFACTURING CO ARIS AVE SE PIDS, MI. 49512-				•	SEI 12. D	E SCHEDULE ISCOUNT TEI	Ē		× SMALL SMALL DISADVANTAGED WOMAN-OWNED
	TYPE F	IIS.	INESS: Other Sma	all Bus	iness Perf	ormina in	• II S				IN BLUCK	
14. SHIP			INESS. OTHER Suc	CODE	liless Feri	15. PAYMENT DFAS DFAS P.O.	F WILL BE MADE I S - COLUMBUS S-CO/NORTH EN . BOX 182266	BY CENTI	EMENT OPE	COI	DE HQ0337	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2
16. TYPE	DELIVERY/ CALL		THIS DELIVERY ORDE	R IS ISSUED	ON ANOTHER G	GOVERNMENT AG	ENCY OR IN ACCORD	ANCE V	VITH AND SUBJI	ECT TO TERMS AND CO	NDITIONS OF ABOV	E NUMBERED CONTRACT.
OF ORDER	PURCHASE	x	Reference your RANDY TANIS	Oral	_	Quotation W56		, г	Dated _2003D	EC12 .		
										MBERED PURCHAS AND AGREES TO PE		MAY PREVIOUSLY HAVE ME.
		l, su	FRACTOR pplier must sign Accepta ROPRIATION DATA/LO				pies:	TYPE	D NAME AND	TITLE		SIGNED (MMMDD)
	SCHEDULE						Lac carrayment		Las			
18. ITEM	NO. 19. SO	ЭНЕ	DULE OF SUPPLIES/SI	ERVICE			20. QUANTITY ORDERED/ ACCEPTED*	<u> </u>	21. UNIT	22. UNIT PRICE	23. AMOUNT	
	CONT F: KINI	rra irm	HEDULE CT TYPE: -Fixed-Price F CONTRACT: ly Contracts an	d Price	d Orders							
	accepted by the			4. UNITED	STATES OF A	AMERICA WITTE /SIG	GNED/		•		25. TOTAL 26.	\$48,939.30
quantity o	rdered and enci	cle.		Y:	WITTED@T.	ACOM.ARMY.N	MIL (586)574-		NTRACTING/O	ORDERING OFFICER	DIFFERENCE	S
	NTITY IN COLU	7		ACCEPTEI	O, AND CONFO	ORMS TO CONT	RACT EXCEPT AS	NOTE	D			
b. SIGNA	TURE OF AUTI	HOR	RIZED GOVERNMENT	REPRESE	NTATIVE		c. DATE (YYYYMMMD)	D)		D NAME AND TITLE SENTATIVE	OF AUTHORIZE	ED GOVERNMENT
e. MAILI	NG ADDRESS ()F A	UTHORIZED GOVERN	MENT RE	PRESENTATI	VE	28. SHIP. NO.		29. D.O. VOU	CHER NO.	30. INITIALS	
f. TELEP	HONE NUMBE	R	g. E-MAIL A	ADDRESS			PARTIA FINAL		32. PAID BY			VERIFIED CORRECT FOR
36. I CEP	TIFY THIS ACC	OU	NT IS CORRECT AND	PROPED E	OR PAVMENT	Γ.	31. PAYMENT				34. CHECK NU	JWIBEK
a. DATE	III IIIS ACC	.00	b. SIGNATURE AND				COMPL PARTIA				35. BILL OF L	ADING NO.
(YYYYM	MMDD)						FINAL	_				
37. RECE	IVED AT		38. RECEIVED BY (F	Print)	39. DATE RE		40. TOTAL CO TAINERS	N-	41. S/R ACC	OUNT NUMBER	42. S/R VOUCE	HER NO.

Reference No. of Document Being Continued

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Name of Offeror or Contractor: BORISCH MANUFACTURING CORP

SUPPLEMENTAL INFORMATION

1

Regulatory Cite	Title	Date
52.204-4016	TACOM-WARREN ELECTRONIC CONTRACTING	JUL/2003
(TACOM)		

- (a) TACOM is now operating in an electronic contracting environment. All TACOM solicitations and awards are now distributed on the TACOM Warren Business Opportunities web page (http://contracting.tacom.army.mil/opportunity.htm) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web. Please see submission guidelines at http://contracting.tacom.army.mil/ebidnotice.htm for more information. Any requirements included in the solicitation take precedence over guidance found on the TACOM contracting web page.
- (b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.
- (c) You are required to submit your offer, bid, or quote electronically. See the provision entitled "Electronic Offers (or 'Quotes' or 'Bids') Required in Response to This Solicitation (or 'Request for Quotations')" for more specific information.
- (d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards and will include the awarded unit price. This is the notice required by Executive Order 12600 (June 23, 1987) of our intention to release unit prices in response to any request under the Freedom of Information Act (FOIA), 5 USC 552. Unit price is defined as the contract price per unit or item purchased as it appears in Section B of the contract and is NOT referring to nor does it include Cost or Pricing data/information. If you object to such release, and you intend on submitting an offer, notify the PCO in writing prior to the closing date identified in this solicitation and include the rationale for your objection consistent with the provisions of FOIA. A release determination will be made based on rationale given.
- (e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: acqcenweb@tacom.army.mil
- (f) If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. Additional help is available to small businesses from Government-funded Electronic Commerce Regional Centers (ECRCs) to implement EDI. Information on ECRC is available at http://www.ecrc.ctc.com

[End of Clause]

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	NSN: 6150-01-456-9835 FSCM: 19207 PART NR: 12387444 SECURITY CLASS: Unclassified				
0001AA	PRODUCTION QUANTITY	15	EA	\$ 16.32000	\$\$
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3A2520EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387444 DATE: 15-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3255S860 W90454 J 1 DEL REL CD QUANTITY DEL DATE 001 15 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W90454) XR W4GG HQ US ARMY TACOM TEAM ABRAMS PARTNERSHIP FACILITY WHSE BLDG 88037 LOGISTICS LANE FT HOOD TX 76544-5060				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0001AB	PRODUCTION QUANTITY	100	EA	\$16.32000	\$1,632.00

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3RA024EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387444 DATE: 15-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3255S861 W45G19 J 1 DEL REL CD QUANTITY DEL DATE 001 100 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0002	NSN: 6150-01-456-9845 FSCM: 19207 PART NR: 12387442 SECURITY CLASS: Unclassified				
0002AA	PRODUCTION QUANTITY	15	EA	\$	\$
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3A2521EH PRON AMD: 01 ACRN: AA AMS CD: 070011				

Reference No. of Document Being Continued PIIN/SIIN $^{W56HZV-04-P-0480}$ MOD/AMD

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387442 DATE: 15-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3255S866 W90454 J 1 DEL REL CD QUANTITY DEL DATE 001 15 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W90454) XR W4GG HQ US ARMY TACOM TEAM ABRAMS PARTNERSHIP FACILITY WHSE BLDG 88037 LOGISTICS LANE FT HOOD TX 76544-5060				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0002AB	PRODUCTION QUANTITY	100	EA	\$ 20.20000	\$ 2,020.00
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3RA026EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387442 DATE: 15-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE REQUIREMENTS PACKAGING CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3255S857 W45G19 J 1 DEL REL CD QUANTITY DEL DATE 001 100 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0003	NSN: 6150-01-456-9829 FSCM: 19207 PART NR: 12387443 SECURITY CLASS: Unclassified				
0003AA	PRODUCTION QUANTITY	100	EA	\$15.44000	\$1,544.00
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3RA028EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387443 DATE: 15-SEP-2003				
	CLIN 0005AA has been deleted from this award document because it was a duplicate of CLIN 0003AA.				
	(End of narrative C001)				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480 MOD/AMD

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3255S872 W45G19 J 1 DEL REL CD QUANTITY DEL DATE 001 100 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0003AB	PRODUCTION QUANTITY	14	EA	\$ 15.44000	\$\$
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3A2524EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387443 DATE: 15-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIRMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3255S871 W90454 J 1 DEL REL CD QUANTITY DEL DATE 001 14 10-AUG-2004				
	FOB POINT: Origin SHIP TO: FREIGHT ADDRESS (W90454) XR W4GG HQ US ARMY TACOM				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	TEAM ABRAMS PARTNERSHIP FACILITY WHSE BLDG 88037 LOGISTICS LANE FT HOOD TX 76544-5060 CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0004	NSN: 6150-01-456-9832 FSCM: 19207 PART NR: 12387446 SECURITY CLASS: Unclassified				
0004AA	PRODUCTION QUANTITY	29	EA	\$11.74000	\$340.46
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3A2573EH PRON AMD: 01 ACRN: AB AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387446 DATE: 01-OCT-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGNING REQUIREMENTS SHEET LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3272S853 W90454 J 1 DEL REL CD QUANTITY DEL DATE 001 29 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W90454) XR W4GG HQ US ARMY TACOM TEAM ABRAMS PARTNERSHIP FACILITY WHSE BLDG 88037 LOGISTICS LANE FT HOOD TX 76544-5060				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480 MOD/AMD

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CLIN NOUN: PRON: AMS C Descriptor I DATE: Packa PACKA LEVEI LEVEI LEVEI LEVEI LEVEI Inspe INSPE Deliv DOC REL C 001 DEL F 00 FOB F SHIP	J CONTRACT TYPE: Firm-Fixed-Price E: BUS,CONDUCTOR E: EH3RA027EH PRON AMD: 01 ACRN: AA CD: 070011 Cription/Specs./Work Statement DRAWING NR: TDP 12387446 E: 01-OCT-2003 Caging and Marking CAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE EL PRESERVATION: Commercial EL PACKING: Commercial	100	EA	\$11.47000	\$1,147.00
CLIN NOUN: PRON: AMS C Descriptor I DATE: Packa PACKA LEVEL LEVEL LEVEL LEVEL LEVEL OCC REL C 001 DEL R 00 FOB F SHIP	I CONTRACT TYPE: Firm-Fixed-Price I: BUS,CONDUCTOR I: EH3RA027EH PRON AMD: 01 ACRN: AA CD: 070011 Cription/Specs./Work Statement DRAWING NR: TDP 12387446 C: 01-OCT-2003 Caging and Marking CAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE EL PRESERVATION: Commercial	100	EA	\$ 11.47000	\$ 1,147.00
NOUN: PRON: AMS CO Description DATE: Packa PACKA LEVEL LEVEL LEVEL LEVEL Inspectively DOC REL CO 001 DEL F 000 FOB F SHIP	Firm-Fixed-Price I: BUS,CONDUCTOR I: EH3RA027EH PRON AMD: 01 ACRN: AA CD: 070011 Cription/Specs./Work Statement DRAWING NR: TDP 12387446 I: 01-OCT-2003 Caging and Marking CAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE EL PRESERVATION: Commercial				
Packa	DRAWING NR: TDP 12387446 :: 01-OCT-2003 ::aging and Marking :AGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE :L PRESERVATION: Commercial				
Delive Doc REL CO OOL FOB F	AGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE L PRESERVATION: Commercial				
Delive DOC REL CO 001 DEL F 000 FOB F					
DOC REL C 001 DEL F 00 FOB F	vection and Acceptance PECTION: Origin ACCEPTANCE: Origin				
SHIP	veries or Performance SUPPL CD MILSTRIP ADDR SIG CD MARK FOR TP CD . W56HZV3255S870 W45G19 J 1 REL CD QUANTITY DEL DATE 001 100 10-AUG-2004				
	POINT: Origin				
	O TO: FREIGHT ADDRESS G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
FSCM: PART	6150-01-456-9828 I: 19207 TNR: 12387441 IRITY CLASS: Unclassified				
0006AA PRODU		100	EA	\$ 14.80000	\$1,480.00

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480 MOD/AMD

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3A2506EH				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387441 DATE: 18-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3251S861 W45G19 J 1 DEL REL CD QUANTITY DEL DATE 001 100 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0006AB	PRODUCTION QUANTITY	30	EA	\$ 14.80000	\$444.
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3A2505EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387441 DATE: 18-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS:				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480 MOD/AMD

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3251S860 W90454 J 1 DEL REL CD QUANTITY DEL DATE 001 30 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W90454) XR W4GG HQ US ARMY TACOM TEAM ABRAMS PARTNERSHIP FACILITY WHSE BLDG 88037 LOGISTICS LANE FT HOOD TX 76544-5060				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0007	NSN: 6150-01-456-9831 FSCM: 19207 PART NR: 12387445 SECURITY CLASS: Unclassified				
0007AA	PRODUCTION QUANTITY	100	EA	\$ 16.34000	\$1,634.00
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3RA023EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387445 DATE: 19-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3255S859 W45G19 J 1 DEL REL CD QUANTITY DEL DATE 001 100 10-AUG-2004				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0008	NSN: 6150-01-456-9839 FSCM: 19207 PART NR: 12388887 SECURITY CLASS: Unclassified				
AA8000	PRODUCTION QUANTITY	45	EA	\$268.62000	\$12,087.90
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3RA066EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12388887 DATE: 29-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3267S852 W45G19 J 1 DEL REL CD QUANTITY DEL DATE				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	FOB POINT: Origin SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000 CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0008AB	OPTION QUANTITY	45	EA	\$268.62000	\$12,087.90
	NOUN: BUS, CONDUCTOR				
	OPTION QUANTITY, PURSUANT TO SECTION H OR I CLAUSE ENTITLED OPTION FOR INCREASED QUANTITY SEPARATELY PRICED LINE ITEM The quantity stated for the option CLIN DOES NOT Form a part of the basic contractual quantity. Part or all of it may, however, be added to the contract by exercise of the option clause, at the discretion of the Government.				
	(End of narrative B001)				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12388887 DATE: 29-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 DEL REL CD QUANTITY DEL DATE 001 45 UNDEFINITIZED				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-0480 MOD/AMD

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	FOB POINT: Origin SHIP TO: FREIGHT ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION. CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0009	NSN: 6150-01-456-9844 FSCM: 19207 PART NR: 12466694 SECURITY CLASS: Unclassified				
0009AA	PRODUCTION QUANTITY	121	EA	\$ 79.74000	\$9,648.54
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3RA057EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12466694 DATE: 25-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3266S854 W45G19 J 1 DEL REL CD QUANTITY DEL DATE 001 001 121 10-AUG-2004				
	FOB POINT: Origin SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF				

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0009AB	OPTION QUANTITY	121	EA	\$	\$9,648.54
	NOUN: BUS, CONDUCTOR				
	OPTION QUANTITY, PURSUANT TO SECTION H OR I CLAUSE ENTITLED OPTION FOR INCREASED QUANTITY SEPARATELY PRICED LINE ITEM				
	The quantity stated for the option CLIN DOES NOT Form a part of the basic contractual quantity. Part or all of it may, however, be added to the contract by exercise of the option clause, at the discretion of the Government.				
	(End of narrative B001)				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12466694 DATE: 25-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 DEL REL CD QUANTITY DEL DATE 001 121 UNDEFINITIZED				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR				

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	ITEMS REQUIRED UNDER THIS REQUISITION. CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				
0010	NSN: 6150-01-456-9836 FSCM: 19207 PART NR: 12466695 SECURITY CLASS: Unclassified				
0010AA	PRODUCTION QUANTITY	154	EA	\$ 102.95000	\$15,854.30
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH3RA056EH PRON AMD: 02 ACRN: AA AMS CD: 070011 Description/Specs./Work Statement TOP DRAWING NR: TDP 12466695 DATE: 25-SEP-2003 Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3266S853 W45G19 J 1 DEL REL CD QUANTITY DEL DATE 001 154 10-AUG-2004				
	SHIP TO: FREIGHT ADDRESS (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0010AB	OPTION QUANTITY	154	EA	\$ 102.95000	\$\$5,854.30
	NOUN: BUS, CONDUCTOR				
	OPTION QUANTITY, PURSUANT TO SECTION H OR I CLAUSE ENTITLED OPTION FOR INCREASED QUANTITY SEPARATELY PRICED LINE ITEM				
	The quantity stated for the option CLIN DOES NOT Form a part of the basic contractual quantity. Part or all of it may, however, be added to the contract by exercise of the option clause, at the discretion of the Government.				
	(End of narrative B001)				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12466695 DATE: 25-SEP-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 DEL REL CD QUANTITY DEL DATE 001 154 UNDEFINITIZED				
	FOB POINT: Destination				
	SHIP TO: FREIGHT ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0011	NSN: 6150-01-456-9831 FSCM: 19207 PART NR: 12387445 SECURITY CLASS: Unclassified				
0011AA	PRODUCTION QUANTITY	21	EA	\$ 16.34000	\$343.14
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: BUS,CONDUCTOR PRON: EH4Y1205EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: TDP 12387445 DATE: 06-NOV-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENTS CLAUSE LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3304S853 W90454 J 2 DEL REL CD QUANTITY DEL DATE 001 21 10-AUG-2004				
	FOB POINT: Origin SHIP TO: FREIGHT ADDRESS (W90454) XR W4GG HQ US ARMY TACOM TEAM ABRAMS PARTNERSHIP FACILITY WHSE BLDG 88037 LOGISTICS LANE FT HOOD TX 76544-5060				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-0480/0000				

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Name of Offeror or Contractor: BORISCH MANUFACTURING CORP

CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/		OBLG					JOB ORDER	ACCOUNTI	NG	OBLIGATED
<u>ITEM</u>	MIPR		STAT		OUNTING CLASSIFICATION			<u>NUMBER</u>	STATION		AMOUNT
0001AA	EH3A2520EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	244.80
0001AB	EH3RA024EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	1,632.00
0002AA	EH3A2521EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	303.00
0002AB	ЕНЗRA026EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	2,020.00
0003AA	EH3RA028EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	1,544.00
0003AB	EH3A2524EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	216.16
0004AA	ЕНЗА2573ЕН 070011	AB	2	97	X4930AC6D 6D	26KB	S20113		W56HZV	\$	340.46
0004AB	EH3RA027EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	1,147.00
0006AA	ЕНЗА2506ЕН 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	1,480.00
0006AB	EH3A2505EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	444.00
0007AA	EH3RA023EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	1,634.00
0008AA	EH3RA066EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	12,087.90
0009AA	EH3RA057EH 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	9,648.54
0010AA	ЕНЗRA056ЕН 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	15,854.30
0011AA	ЕН4Y1205ЕН 070011	AA	2	97	X4930AC6D 6D	26FB	S20113		W56HZV	\$	343.14
									TOTAL	\$	48,939.30
SERVICE NAME Army		L BY AA	<u>ACRN</u>	<u>ACC0</u> 97	DUNTING CLASSIFICATION X4930AC6D 6D	26FB	S20113	ACCOUN STATIO W56HZV	ON	\$	OBLIGATED AMOUNT 48,598.84
Army		AB		97	X4930AC6D 6D	26KB	S20113	W56HZV	7	\$	340.46
4		_									
									TOTAL	\$	48,939.30

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Name of Offeror or Contractor: BORISCH MANUFACTURING CORP

CONTRACT CL	AUSES		
2	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
3	52.211-17	DELIVERY OF EXCESS QUANTITIES	SEP/1989
4	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
5	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFERCENTRAL CONTRACTOR REGISTRATION	OCT/2003
6	52.242-10	F.O.B. ORIGINGOVERNMENT BILLS OF LADING OR PREPAID POSTAGE	APR/1984
7	52.246-2	INSPECTION OF SUPPLIESFIXED PRICE	AUG/1996
8	52.247-1	COMMERCIAL BILL OF LADING NOTATIONS the notation set forth in	APR/1984
		paragraph (a) of the clause applies in this contract. The agency	
		name in line one of the notation shall read:US ARMY TANK-AUTOMOTIVE $\&$	
		ARMAMENTS COMMAND	
9	52.247-29	F.O.B. ORIGIN	JUN/1988
10	52.247-58	LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS	APR/1984
11	52.247-59	F.O.B. ORIGIN - CARLOAD AND TRUCKLOAD SHIPMENTS	APR/1984
12	52.247-65	F.O.B. ORIGIN - PREPAID FREIGHT - SMALL PACKAGE SHIPMENTS	JAN/1991
13	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (Alternate I	DEC/2000
		dated Dec 2000)	
14	52.209-1	QUALIFICATION REQUIREMENTS	FEB/1995

- (a) Definition: <u>Qualification requirement</u>, as used in this clause, means a Government requirement for testing or other quality assurance demonstration that must be completed before award.
- (b) One or more qualification requirements apply to the supplies or services covered by this contract. For those supplies or services requiring qualification, whether the covered product or service is an end item under this contract or simply a component of an end item, the product, manufacturer, or source must have demonstrated that it meets the standards prescribed for qualification before award of this contract. The product, manufacturer, or source must be qualified at the time of award whether or not the name of the product, manufacturer, or source is actually included on a qualified products list, qualified manufacturers list, or qualified bidders list. Offerors should contact the agency activity designated below to obtain all requirements that they or their products or services, or their subcontractors or their products or services, must satisfy to become qualified and to arrange for an opportunity to demonstrate their abilities to meet the standards specified for qualification.

(Name) SEE SUPPORTING ACTIVITY(IES) LISTED IN THE SPECIFICATION(S) (Address)

(c) If an offeror, manufacturer, source, product or service covered by a qualification requirement has already met the standards specified, the relevant information noted below should be provided.

Offeror's Name		
Manufacturer's Name		
Source's Name		
Item Name		
Service		
Identification	Test Number	(to the extent known)

- (d) Even though a product or service subject to a qualification requirement is not itself an end item under this contract, the product, manufacturer, or source must nevertheless be qualified at the time of award of this contract. This is necessary whether the Contractor or a subcontractor will ultimately provide the product or service in question. If, after award, the Contracting Officer discovers that an applicable qualification requirement was not in fact met at the time of award, the Contracting Officer may either terminate this contract for default or allow performance to continue if adequate consideration is offered and the action is determined to be otherwise in the Government's best interests.
- (e) If an offeror, manufacturer, source product or service has met the qualification requirement but is not yet on a qualified products list, qualified manufacturers list, or qualified bidders list, the offeror must submit evidence of qualification prior to award of this contract. Unless determined to be in the Government's interest, award of this contract shall not be delayed to permit an offeror to submit evidence of qualification.
- (f) Any change in location or ownership of the plant where a previously qualified product or service was manufactured or performed requires reevaluation of the qualification. Similarly, any change in location or ownership of a previously qualified manufacturer or source requires reevaluation of the qualification. The reevaluation must be accomplished before the date of award.

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NT 0.000 C + +		

Name of Offeror or Contractor: BORISCH MANUFACTURING CORP

15 52.204-4006 INCORPORATION OF TACOM MASTER SOLICITATION FOR SIMPLIFIED MAY/2000
(TACOM) ACQUISITIONS AND DESIGNATION OF F.O.B. POINT

- (a) This Request for Quotation (RFQ) or Purchase Order (PO) incorporates by reference TACOM-Warren's Master Solicitation for Simplified Acquisitions with the same force and effect as though the clauses and provisions it contains were physically incorporated into this document. The version in effect at time of award is the version that applies to your purchase order.
- (b) The TACOM-Warren Master Solicitation for Simplified Acquisitions is available on our Electronic Contracting web page, which you can reach using the following URL address: http://contracting.tacom.army.mil/opportunity.htm
- (c) The clauses and provisions in Section I of the Master Solicitation apply to all TACOM-Warren RFQs and Purchase Orders that contain this clause. The clauses contained in Section II of the Master Solicitation applies in addition to those in Section I when the RFQ or PO specifies F.O.B. Origin.
 - (d) We hereby specify that the required F.O.B. point for this acquisition is Origin.
- (e) We will keep the Master Solicitation identified in this clause available on our Electronic Contracting web page during the entire period of performance of the purchase order. If the current Master Solicitation later is revised to incorporate a change in any of the clauses, the version specified in this clause will be retained, intact, in an archive area on our web page for continued reference and use.

[End of Clause]

16 52.211-4015 CONFIGURATION CONTROL--ENGINEERING CHANGES JUL/2002 (TACOM)

(a) DEFINITIONS:

- (1) Engineering Change Proposal (ECP). An ECP is a suggestion that we (the Government) permanently change some requirement of the Technical Data Package (TDP). ECPs can be issued before or during contract performance. NOTE: The current Government Standard allows us ninety days to process routine ECPs. If you (the contractor) need a response in less than ninety days to meet contract requirements, you should consider submitting a deviation along with your ECP.
- (2) Request for Deviation (RFD). A RFD is a one-time request to deviate from TDP requirements. You must submit your deviation request before you deviate from the TDP requirements. You can request a deviation for a specific number of parts or the entire contract quantity.
 - (3) Value Engineering Change Proposal (VECP). A proposal that --
 - (i) Requires a change to the instant contract; and
- (ii) Results in reducing the overall projected cost to the agency without impairing essential functions or characteristics; provided, that it does not involve a change --
 - (A) In deliverable end item quantities only;
 - (B) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or
 - (C) To the contract type only.
 - (4) Notice of Revision (NOR). A NOR describes the proposed changes to a technical document being requested by an ECP.
- (b) When will TACOM start processing change requests? TACOM won't start processing any ECP, VECP, or RFD until we receive the ACO's comments (see paragraph (e) below) and the ECP, VECP, or RFD documentation.
- (c) Contractor Responsibility. ECPs, VECPs, and RFD shall contain information per the instructions outlined on the Data Delivery Descriptions (DDDs) which can be found at the following website: http://contracting.tacom.army.mil/engr/engrchange.htm. Forms for preparing an ECP, VECP, or a RFD can also be found at this website. You may use other media, as long as you give us all the information outlined in the DDDs.
 - (1) Identify the two-digit Weapon System Code (WSC) on your submittal. The WSC for this procurement is (JW).

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- (2) The Contractor shall submit ECPs/VECPs/RFDs to the Government electronically. You must use one of the following electronic mediums: 100 megabyte Zip*-disk, 3 1/2 inch disk, 650 megabyte CD ROM, or E-mail. (E-mail files must be sized 3.5 mb or less.) Identify the software application, and version, that you used to create each file submitted.
- (3) ECPs/VECPs/RFDs submitted in paper form are unacceptable and will be returned. You must use one of the following electronic formats:
- (i) Files readable using these Microsoft 97 Office Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable.
 - (ii) Files in Adobe PDF (Portable Document Format).
- (iii) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic ECPs/VECPs/RFDs and be accessible offline.
- (iv) Other electronic formats. Before preparing your ECPs, VECPs or RFDs in any other electronic format, please e-mail the engineer, copy-furnished to the buyer and ACO, to obtain a decision as to the format's acceptability. Failure to e-mail the engineer to seek an alternate format's acceptability may result in rejection of your submission. All alternate methods must be at no cost to the Government. NOTE: The above formats may be submitted in compressed form using self-extracting files.
 - (d) Submittal Procedures for ECPs/VECPs/RFDs.
 - (1) Send one copy of the ECP, VECP or RFD in electronic format to your ACO.
 - (2) Send one copy of the ECP, VECP or RFD in electronic format to the buyer listed on the solicitation/ contract document.

WARNING - Submit complete, legible, virus free packages per paragraphs 1 and 2 above, or we may return your ECP/VECP/RFD without processing them.

(e) ACO Responsibility. Within ten working days from the day you receive the contractor's request, the ACO must prepare Comments on the ECP, VECP, or RFD in electronic format, and forward it as follows:

ECPs, VECPs, and RFDs. Email a copy of the contractor's request and ACO comments (DD Form 1998) to the engineer (majewskv@tacom.army.mil) and the buyer identified in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155

- (f) Approval of ECPs, VECPs and RFDs.
- (1) ECPs should be used to make permanent changes in the Government Technical Data Package (TDP). Contractual relief should be requested using a Request for Deviation. This is because the Government requires more time to analyze any proposal to permanently change the specification or TDP. Cost saving improvements to the TDP should be submitted as a VECP, if a VE clause is contained in the contract.
- (2) ECPs. TACOM will review and make a decision within the ninety day timeframe. Notification of our decision will be made by the contracting officer or representative.
 - (3) RFDs. Decision on RFDs will be made within 30 days from the date we receive them from the ACO.
- (g) Processing Emergency and Urgent ECPs. Ordinarily, ECPs submitted by the contractor will be deemed routine. If you submit an ECP that you consider to be an emergency or urgent (as defined in paragraph 11 of DDD for ECPs), you must immediately notify the PCO. TACOM will review the criticality of the ECP, and, if we determine that it is urgent or critical, we'll follow the appropriate processing time-frames as outlined in paragraph 11 of the DDD for ECPs.
- (h) Reminder Only the PCO can change the Contract. NO OTHER GOVERNMENT REPRESENTATIVE is authorized to make a commitment for, or bind the Government.
 - (i) RFDs shall contain sufficient pricing data to determine if a downward equitable adjustment to the contract is required.
 - (j) Questions.
- (1) Questions about preparation and submittal of change request should be directed to the Government Quality Assurance Representative (QAR).
 - (2) Questions about the status of change requests you've already submitted, contact the buyer. You can find the buyer's name,

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number and e-mail address in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155.

[End of Clause]

17 52.211-4053 REQUIRED TAILORING LANGUAGE TO ELIMINATE CLASS I OZONE-DEPLETING MAR/2000

SUBSTANCES (TACOM)

- (a) The purchase description or Technical Data Package (TDP) for this purchase order incorporates one or more specifications or standards that, in their unmodified form, either authorize or require the use of Class I Ozone-Depleting Substances (CIODS). For purposes of your performance on this purchase order, those specifications (which are identified in paragraph (b) of this clause) are modified by special tailoring language which appears in the TACOM Acquisition Center's web-site. Directions for reaching our web-site and locating the required tailoring language appear in paragraph (c) of this clause.
- (b) Tailoring language to eliminate the authorization or requirement to use Class I Ozone-Depleting Substances (CIODS) is hereby incorporated into this contract by reference. Packaging Specifications MIL-L-61002 and MIL-STD-129, where they apply, are affected by this tailoring language. Other specifications and standards affected are: NONE.
- (c) The CIODS listing that contains the required tailoring language is on the TACOM Acquisition Center web-site, which you can reach by using this URL: http://contracting.tacom.army.mil/ciods.html

[End of Clause]

18 52.211-4517 PACKAGING REQUIREMENTS (COMMERCIAL) SEP/2003

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(TACOM)

THIS CLAUSE APPLIES TO ALL THE CLIN(s) ON THIS BUY.

(a) The preservation, packing, and marking requirements for this order shall be accomplished in accordance with the performance requirements defined herein. The following Packaging requirements shall apply:

LEVEL OF PRESERVATION: Commercial

LEVEL OF PACKING: Commercial

QUANTITY PER UNIT PACKAGE: 001

- (1) Packaging: Preservation, packaging, packing, unitization and marking furnished by the supplier shall provide protection for a minimum of one year and meet or exceed the following requirements. It also provides for multiple handling, redistribution and shipment by any mode.
- (2) Cleanliness: Items shall be free of dirt and other contaminants which would contribute to the deterioration of the item or which would require cleaning by the customer prior to use. Coatings and preservatives applied to the item for protection are not considered contaminants.
- (3) Preservation: Items susceptible to corrosion or deterioration shall be provided protection by means of preservative coatings, volatile corrosion inhibitors, desiccants, waterproof and/or watervaporproof barriers.
- (4) Cushioning: Items requiring protection from physical and mechanical damage (e.g. fragile, sensitive, material critical) or which could cause physical damage to other items, shall be protected by wrapping, cushioning, pack compartmentalization, or other means to mitigate shock and vibration to prevent damage during handing and shipment.
- (b) Unit Package: A unit package shall be so designed and constructed that it will contain the contents with no damage to the item(s), and with minimal damage to the unit pack during shipment and storage in the shipping container, and will allow subsequent handling. The outermost component of a unit package shall be a container such as a sealed bag, carton or box.
 - (c) Unit Package Quantity: Unless otherwise specified, the unit package quantity shall be one each part, set, assembly, kit, etc.
 - (d) Intermediate Package: Intermediate packaging is required whenever one or more of the following conditions exists:
 - (1) The quantity is over one (1) gross of the same national stock number,
 - (2) Use enhances handling and inventorying,
 - (3) The exterior surfaces of the unit pack is a bag of any type, regardless of size,

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- (4) The unit pack is less than 64 cubic inches,
- (5) The weight of the unit pack is under five (5) pounds and no dimension is over twelve (12) inches.

Intermediate containers shall be limited to a maximum of 100 unit packs, a net load of 40 pounds, or a maximum volume of 1.5 cubic feet, whichever occurs first.

(e) Packing:

- (1) Unit packages and intermediate packages not meeting the requirements for a shipping container shall be packed in shipping containers. All shipping containers shall be the most cost effective and shall be of minimum cube to contain and protect the items.
- (2) Shipping Containers: The shipping container (including any necessary blocking, bracing, cushioning, or waterproofing) shall comply with the regulations of the carrier used and shall provide safe delivery to the destination at the lowest tariff cost. The shipping container shall be capable of multiple handling, stacking at least ten feet high, and storage under favorable conditions (such as enclosed facilities) for a minimum of one year.
- (f) Unitization: Shipments of identical items going to the same destination shall be palletized if they have a total cubic displacement of 50 cubic feet or more unless skids or other forklift handling features are included on the containers. Pallet loads must be stable, and to the greatest extent possible, provide a level top for ease of stacking. A palletized load shall be of a size to allow for placement of two loads high and wide in a conveyance. The weight capacity of the pallet must be adequate for the load. The preferred commercial expendable pallet is a 40 x 48 inch, 4-way entry pallet although variations may be permitted as dictated by the characteristics of the items being unitized. The load shall be contained in a manner that will permit safe handling during shipment and storage.

(g) Marking:

- (1) All unit packages, intermediate packs, exterior shipping containers, and, as applicable, unitized loads shall be marked in accordance with MIL-STD-129, Revision P, dated 15 Dec 2002, including bar coding. The contractor is responsible for application of special markings as discussed in the Military Standard regardless of whether specified in the contract or not. Special markings include, but are not limited to, Shelf-life markings, structural markings, and transportation special handling markings. The marking of pilferable and sensitive materiel will not identify the nature of the materiel.
- (2) Contractors and vendors shall apply identification and address markings with bar codes in accordance with this standard. A Military Shipment Label (MSL) is required for all shipments except contractor to contractor. The MSL will include both linear and 2D bar codes per the standard. DVD shipment documentation must also be marked with additional bar codes. The DD Form 250 or the commercial packing list shall have additional issue/receipt bar coding applied as per Direct Vendor Delivery Shipments in the standard (except for deliveries to DLA Distribution Depots, e.g. New Cumberland, San Joaquin, Red River, Anniston).
- (3) Contractor to contractor shipments shall have the address markings applied to the identification marked side of the exterior shipping container or to the unitized load markings. The following shall be marked "FROM: name and address of consignor and TO: name and address of consignee".
- (4) Military Shipping Label: Military Shipment Labels may be created using the Computer Automated Transportation Tool Military Shipment Label/Issue Receipt Release Document (CATT MSL/IRRD). See the web site: http://www.asset-trak.com/catt/catt.htm. The software may be downloaded at: http://www.asset-trak.com/catt/msl_irrd/msl_irrddownload.htm. Be sure to bookmark this page for future releases of CATT MSL/IRRD.
- (h) Hazardous Materials: In addition to the general instructions listed above, hazardous materials or items as defined in CFR Title 49 are also subject to all applicable Department of Transportation regulations for packaging/packing, marking, labeling, container certification, and transport as listed in Code of Federal Regulations Title 49, Parts 100-180. If the shipment originates from outside the continental United States, the shipment shall be prepared in accordance with the United Nations Recommendations on the Transport of Dangerous Goods in a manner acceptable to the Competent Authority of the nation of origin and in accordance with regulations of all applicable carriers.
- (i) Heat Treatment and Marking of Wood Packaging Materials: Boxes/pallets and any wood used as inner packaging made of nonmanufactured wood shall be heat-treated. All non-manufactured wood used in packaging shall be heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall be affiliated with an inspection agency accredited by the board of review of the American Lumber Standard Committee. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall ensure traceability to the original source of heat treatment. Marking. Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. The quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens; on two sides of the pallet. Foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organizations compliance program.
 - (j) Quality Assurance: The contractor is responsible for establishing a quality system. Full consideration to examinations,

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TIIS	Jections,	anu	LESLS	WITI	De	given	LO	ensure	LIIE	acceptability	y OI	LIIE	Commercial	package.

(k) SUPPLEMENTAL INSTRUCTIONS: NONE

[End of Clause]

INSPECTION AND ACCEPTANCE POINTS: ORIGIN 19 52.246-4005 (TACOM)

FEB/1995

- (a) Inspection and acceptance of supplies offered under this purchase order shall take place as specified herein. Inspection: ORIGIN Acceptance: ORIGIN
 - (b) Origin inspection shall take place at the site specified below:

Borisch Manufacturing Corporation 4511 East Paris SE Grand Rapids, MI 49512

[End of Clause]

20 52.247-60 GUARANTEED SHIPPING CHARACTERISTICS DEC/1989

THIS CLAUSE WILL APPLY TO ALL 11 CLINS:

- (a) The offeror is requested to complete subparagraph (a)(1) of this clause, for each part or component which is packed or packaged separately. This information will be used to determine transportation costs for evaluation purposes. If the offeror does not furnish sufficient data in subparagraph (a)(1) of this clause, to permit determination by the Government of the item shipping costs, evaluation will be based on the shipping characteristics submitted by the offeror whose offer produces the highest transportation costs or in the absence thereof, by the Contracting Officer's best estimate of the actual transportation costs. If the item shipping costs, based on the actual shipping characteristics, exceed the item shipping costs used for evaluation purposes, the Contractor agrees that the contract price shall be reduced by an amount equal to the difference between the transportation costs actually incurred, and the costs which would have been incurred if the evaluated shipping characteristics had been accurate.
 - (1) To be completed by the offeror:
 - Type of "Outer" container: Wood Box [], Fiber Box [x], Barrel [], Reel [], Drum [],
 - Shipping configuration: Knocked-down [], Set-up [], Nested [x], Other (specify) _ (ii)
 - (iii) Size of outer container: 12 inches (Length), x 12 inches (Width), x 12 inches (Height) = <u>1</u> Cubic FT;
 - (iv) Number of items per outer container ____50_ Each;
 - Gross weight of outer container and contents ____25 LBS
 - Palletized/skidded [] Yes [X] No; (vi)
 - Number of outer containers per pallet/skid _____; (vii)
 - (viii) Weight of empty pallet bottom/skid and sides ___
 - Size of pallet/skid and contents _____ LBS Cube __ (ix)
 - Number of outer containers or pallets/skids per railcar ___ (x)

Size of railcar __

Type of railcar ___

(xi) Number of outer containers or pallets/skids per trailer ____

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Name of	Offe	ror or Contractor: Borisch manufacturing corp
		Size of trailer
		Type of trailer
*Number	of co	emplete units (contract line item) to be shipped in carrier's equipment.
	(2)	To be completed by the Government after evaluation but before contract award:
		(i) Rate used in evaluation;
		(ii) Tender/Tariff;
		(iii) Item;
equireme urpose o	nts, of eva	unteed shipping characteristics requested in subparagraph (a)(1) of this clause do not establish actual transportation which are specified elsewhere in this solicitation. The guaranteed shipping characteristics will be used only for the aluating offers and establishing any liability of the successful offeror for increased transportation costs resulting from the aluating characteristics which differ from those used for evaluation in accordance with paragraph (a) of this clause.
		[End of Clause]
21		252.225-7035 BUY AMERICAN ACTNORTH AMERICAN FREE TRADE AGREEMENT IMPLEMENTATION MAR/1998 ACTBALANCE OF PAYMENTS PROGRAM CERTIFICATE
ave the	meani	nitions. "Domestic end product," "foreign end product," "NAFTA country end product," and "qualifying country end product. ngs given in the Buy American ActNorth American Free Trade Agreement Implementation ActBalance of Payments Program s solicitation.
ct or th	ie Bal	antry end products or NAFTA country end products will be evaluated without regard to the restrictions of the Buy America.
(c)	Cert	ifications.
	(1)	The offeror certifies that-
		(i) Each end product, except the end products listed in paragraph (c)(2) of this provision, is a domestic end product; and
		(ii) Components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.
	(2)	The Offeror must identify all end products that are not domestic end products.
		(i) The Offeror certifies that the following supplies are qualifying country (except Canada) end products:
		1 (insert line item number)
		2 (insert country of origin)
		(ii) The Offeror certifies that the following supplies qualify as NAFTA country end products:
		3 (insert line item number)
		4 (insert country of origin)
		(iii) The following supplies are other foreign end products:

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5	 (insert	line item	number)
6	 (insert	country o	f origin)

[End of Provision]

22 252.225-7036

entry.

BUY AMERICAN ACT--NORTH AMERICAN FREE TRADE AGREEMENT IMPLEMENTATION

ACT--BALANCE OF PAYMENTS PROGRAM

- (a) Definitions. As used in this clause-
 - (1) "Component" means an article, material, or supply incorporated directly into an end product.
 - (2) "Domestic end product" means-
 - (i) An unmanufactured end product that has been mined or produced in the United States; or
 - (ii) An end product manufactured in the United States if the cost of its qualifying country components and its components that are mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. The cost of components includes transportation costs to the place of incorporation into the end product and U.S. duty (whether or not a duty-free entry certificate is issued). Scrap generated, collected, and prepared for processing in the United States is considered domestic. A component is considered to have been mined, produced, or manufactured in the United States (regardless of its source in fact) if the end product in which it is incorporated is manufactured in the United States and the component is of a class or kind for which the Government has determined that-
 - (A) Sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States; or
 - (B) It is inconsistent with the public interest to apply the restrictions of the Buy American Act.
 - (3) "End product" means those articles, materials, and supplies to be acquired under this contract for public use.
 - (4) "Foreign end product" means an end product other than a domestic end product.
 - (5) "North American Free Trade Agreement (NAFTA) country" means Canada or Mexico.
 - (6) "NAFTA country end product" means an article that-
 - (i) Is wholly the growth, product, or manufacture of a NAFTA country; or
 - (ii) In the case of an article that consists in whole or in part of materials from another country or instrumentality, has been substantially transformed in a NAFTA country into a new and different article of commerce with a name, character, or use distinct from that of the article or articles from which it was transformed. The term refers to a product offered for purchase under a supply contract, but for purposes of calculating the value of the end product includes services (except transportation services) incidental to its supply, provided that the value of those incidental services does not exceed the value of the product itself.
 - (7) "Qualifying country" means any country set forth in subsection 225.872-1 of the Defense Federal Acquisition Regulation Supplement.
 - (8) "Qualifying country component" means a component mined, produced, or manufactured in a qualifying country.
 - (9) "Qualifying country end product" means-
 - (i) An unmanufactured end product mined or produced in a qualifying country; or
 - (ii) An end product manufactured in a qualifying country if the cost of the following types of components exceeds 50 percent of the cost of all its components:
 - (A) Components mined, produced, or manufactured in a qualifying country.
 - (B) Components mined, produced, or manufactured in the United States.
 - (C) Components of foreign origin of a class or kind for which the Government has determined that sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States.
 - (10) "United States" means the United States, its possessions, Puerto Rico, and any other place subject to its jurisdiction, but does not include leased bases or trust territories.
 - (b) This clause implements the Buy American Act (41 U.S.C. Section 10a-d), the Balance of Payments Program, and the North American Free Trade Agreement Implementation Act of 1993 (19 U.S.C. 3301 note). Unless otherwise specified, this clause applies to all items in the Schedule.
 - (c) The Contractor shall deliver under this contract only domestic end products unless, in its offer, it specified delivery of qualifying country, NAFTA country, or other foreign end products in the Buy American Act--North American Free Trade Agreement Implementation Act--Balance of Payments Program Certificate provision of the solicitation. If the Contractor certified in its offer that it will deliver a qualifying country end product or a NAFTA country end product, the Contractor shall deliver a qualifying country end product, a NAFTA country end product, or, at the Contractor's option, a domestic end product.

 (d) The contract price does not include duty for end products or components for which the Contractor will claim duty-free

(End of clause)

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23 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (Alternate III dated May 2002) MAY/2002

- (a) Definitions. As used in this clause--
- (1) <u>Components</u> means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.
 - (2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.
 - (3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.
 - (4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.
- (5) <u>Subcontractor</u> means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.
- (6) <u>Supplies</u> means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.
- (i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.
- (ii) <u>Supplies</u> includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.
- (7) <u>U.S.-flag vessel</u> means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.
 - (b)(1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.
 - (2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-
 - (i) This contract is a construction contract; or
 - (ii) The supplies being transported are-
 - (A) Noncommercial items; or
 - (B) Commercial items that-
 - (1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);
 - (2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or
 - (3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.
- (c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that--
 - (1) U.S.-flag vessels are not available for timely shipment;
 - (2) The freight charges are inordinately excessive or unreasonable; or
 - (3) Freight charges are higher than charges to private persons for transportation of like goods.
- (d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--
 - (1) Type, weight, and cube of cargo;
 - (2) Required shipping date;
 - (3) Special handling and discharge requirements;

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- (4) Loading and discharge points;
- (5) Name of shipper and consignee;
- (6) Prime contract number; and
- (7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.
- (e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information-
 - (1) Prime contract number;
 - (2) Name of vessel;
 - (3) Vessel flag of registry;
 - (4) Date of loading;
 - (5) Port of loading;
 - (6) Port of final discharge;
 - (7) Description of commodity;
 - (8) Gross weight in pounds and cubic feet if available;
 - (9) Total ocean freight in U.S. dollars; and
 - (10) Name of the steamship company.
- (f) The Contractor shall insert the substance of this clause, including this paragraph (f) in subcontracts that are for a type of supplies described in paragraph (b)(2) of this clause.

[End of Clause]

2.4 52.204-4005 REQUIRED USE OF ELECTRONIC CONTRACTING (TACOM)

DEC/2002

- (a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions/clauses that appear "by reference", meaning only clause titles and regulation site are listed; their full texts can be found at the website http://farsite.hill.af.mil/
- (b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: http://www.ccr.gov/ . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)
- (c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awards_official.htm Rock Island: http://aais.ria.army.mil/AAIS/AWDINFO/index.htm Picatinny: http://procnet.pica.army.mil/Contracts/Index.htm Red River Army Depot: http://www.redriver.army.mil/contracting/Awards Anniston Army Depot: http://www.anadprocnet.army.mil

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the

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American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

- (1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".
- (2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at http://www.acq.osd.mil/ec/ecip/index.htm . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.
- (e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Acceptable formats include:
 - (1) Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower.): Word, Excel, Powerpoint, or Access
 - (2) 100 OR 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM
 - (3) E-MAIL (Maximum size of each e-mail message is be three and one-half (3.5) megabytes).
- (4) Other electronic formats. Before submitting your data in any other electronic format, please e-mail the buyer identified on the face of the contract, with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the required data submission date.

NOTE: The above formats may be submitted in compressed form using self-extracting files.

(f) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.

[End of Clause]

- 25 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION JUN/1999 (TACOM)
- (a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)
- (b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.
- (c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).
- (d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.
- (e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

26 52.211-4008 DRAWING LIMITATIONS NOV/2002 (TACOM)

- (a) The drawings supplied with this contract are <u>not</u> shop or process drawings. They are engineering design drawings. They are adequate to permit manufacture, and:
 - (1) depict the completed (item(s), and

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(2) serve as the basis for inspection of the completed item(s).

- (b) These drawings DON'T cover intermediate drawings/specifications or steps in the manufacturing process. As a result, even if you meet all the dimensions and tolerances specified in the engineering design drawing for each individual part, a cumulative unacceptable fit for the contract item could result.
- (c) YOU ARE RESPONSIBLE for producing the shop or process drawings needed to cover intermediate steps in the manufacturing process.
- (d) The Contractor agrees that he has obtained all specifications and drawings necessary to manufacture the items being solicited in accordance with the TDP including all incorporated specifications and drawings. The contractor is responsible for having all drawings and specifications. Delivery delays are not excusable where the contractor asserts that it did not have a specification or drawing and has failed to request, in writing, the specification from either the Contracting Officer or Contract Specialist prior to the solicitation closing date.
- (e) If you fail to produce an end item with a cumulative fit that conforms to Government drawings, specifications or other supplemental manufacturing documentation, you'll be responsible for correcting this condition at no additional cost to the Government and no delivery schedule extension.

[End of Clause]

27 52.211-4030 SPECIAL TESTING REQUIREMENTS FOR CHEMICAL AGENT RESISTANT COATINGS MAR/2001
(TACOM) (CARC) ON METALLIC SURFACES

(a) <u>Application</u>: MIL-C-46168 MIL-C-53039 MIL-PRF-22750

- (b) <u>End-Item Paint Inspection</u>: After the complete paint finish has been applied and cured* (See *Note, below), the Contractor shall test and inspect two units per lot for (i) workmanship, (ii) total paint film thickness, and (iii) paint adhesion. Unless otherwise agreed to between the Contractor and the cognizant Government quality assurance representative, a <u>lot</u> shall be defined as all units submitted for final Government acceptance at one time. The use of test panels in lieu of actual production units is prohibited. At final inspection, the cumulative total paint film thickness of pretreatment, primer, and topcoat shall at a minimum conform to the sum of the minimum thicknesses for individual elements of the paint finish as specified in the Film Thickness Table below. Sufficient locations shall be spot-checked to ensure proper workmanship and paint thickness uniformity. The size and configuration of the unit as well as the number of vendors responsible for the paint finish of component parts shall be taken into consideration in determining the number of locations to be checked. The specific number of test locations shall be agreed to by the cognizant Government quality assurance representative in advance. In addition, two locations on each sample unit shall be selected to conduct the scribe tape test. The test locations shall be routinely varied among the following:
 - (1) Directly adjacent to a weld
 - (2) On or directly adjacent to a machine cut or sheared edge.
 - (3) On any mechanically formed surface when lubricants/drawing compounds were used.
 - (4) On paint touch-up areas.
- (c) The precise location for each scribe tape test shall be in an inconspicuous location that has been accepted by the cognizant Government quality assurance representative before the test is conducted.
- (d) Upon completion of the scribe tape test, the scribe marks shall be feathered into the adjacent area and touched up with the required top coat so that the tested area again conforms to the applicable minimum specified in the Film Thickness Table below.

*Note: The complete paint finish is defined as the pretreatment, primer, and topcoat applied to the substrate. Curing of the complete paint finish is dependent upon temperature, humidity, and paint film thickness. The time necessary to achieve sufficient adhesion to pass the scribe tape test must be determined by each facility. For purposes of this test, curing at ambient temperature will take from 24 days.

(e) <u>Test Methods</u>:

- (1) <u>Film Thickness</u>. Film thickness shall be verified with a nondestructive film gage. The gage shall be suitable for measurements over the applicable substrate material and shall have sufficient accuracy to ensure compliance to the thickness limitations. The gage shall be capable of being calibrated. If no other calibration specification or requirement is identified elsewhere in this contract, then the gage shall be calibrated in accordance with ISO 10012.
 - (2) Scribe Tape Test. The following test procedure shall be followed. The test surface shall be sufficiently warm and dry

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to ensure adhesion of the tape. All dimensions cited in this Scribe Tape Test description are approximate:

- (i) Scribe four one-inch lines completely through the paint finish to the substrate, one sixteenth to three thirty-seconds of an inch apart.
- (ii) Scribe four additional one-inch lines, completely through the paint finish, one sixteenth to three thirty-seconds of an inch apart, rotated 90 degrees with respect to the first set of lines. The resulting pattern shall contain nine squares.
- (iii) Press a length of A-A-1830, A-A-884, or any commercially available tape with a minimum adhesion rating of 45 oz. per inch of width firmly over the scribed pattern, rubbing out all air pockets.
- (iv) Wait 10 seconds, minimum. Grasp a free end of the tape and at a rapid speed strip it from the paint surface by pulling the tape back upon itself at 180 degrees.

(f) Interpretation of Test Results

NOTE: These two tests are not a substitute for corrosion tests such as neutral salt spray or accelerated corrosion tests which verify coating durability.

(1) Film Thickness. All applicable surfaces shall have complete paint coverage. A minimum of 75% of the applicable surfaces of each test unit shall meet the minimum, cumulative dry film thickness requirements. Failure of either test unit shall result in rejection of the production lot that it represents.

FILM THICKNESS TABLE

SPECIFICATION	DRY FILM THICKNESS (Mils)
DOD-P-15328*	0.3 - 0.5
MIL-PRF-23377	1.0 - 1.5
MIL-P-53022	1.0 - 1.5
MIL-PRF-22750	1.3 - 1.7
MIL-P-53030	1.0 - 1.5
MIL-C-46168	1.8 - 3.2
MIL-C-53039	1.8 - 3.2

*May not be allowed per contract due to VOC and hexavalent chromium content.

(2) Scribe Tape Test (Adhesion). The removal of two or more complete squares of top coat, or top coat-primer-pretreatment coating, from either test unit constitutes test failure and the production lot from which it comes is rejected. Removal of overspray does not constitute test failure.

Notice: The scribe tape test is designed to detect any deficiency in the paint application process that would affect the durability of the CARC finish. Typical causes of failure are:

- (i) Inadequate cleaning of the substrate.
- (ii) Contamination of the surface between coatings.
- (iii) Excessive paint film thickness in a single coating application.
- (iv) Application of a coating over a previous coating which has not been adequately cured.

It is strongly recommended that the Contractor implement rigid in-process controls in conjunction with the best industrial painting practices to ensure that the performance requirements specified in this clause are met.

[End of Clause]

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Name of Offeror or Contractor: BORISCH MANUFACTURING CORP

(TACOM

- (a) The TDP for the contract item is available only in electronic format via the TACOM Contracting Webpage (contracting.tacom.army.mil). TACOM-Warren has discontinued its practice of providing hard copies (i.e. CD ROM) of technical data packages (TDPs). You must obtain a copy of the TDP for this solicitation via the TACOM Contracting Webpage. For those TDPs not available via the webpage, the TDP will be issued free of charge in CD-ROM format. The CD-ROM includes the necessary software to access, view, and print individual images that are included in the TDP. The CD-ROM can be read in any personal computer that includes a CD-ROM drive. If your company does not have a personal computer with a CD-ROM drive, you can take the CD-ROM disk to any of various commercial computing or copying/printing service, to have hard copies produced.
- (b) TDPs available via the TACOM Contracting Webpage may be purchased in CD ROM format for a fee of \$4.60 each. Requests for CD ROMs and payment should be mailed to:

USATACOM AMSTA-CM-CDD (TDP Requests) Warren, MI 48397-5000

Make checks payable to the United States Treasury. Points of Contact for this initiative: Gerri Mackey and Diane Woods at (586) 574-7061, and Gloria McCullough at (586) 574-7064.

[End of Provision]

29 52.215-4404 DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY MAY/2002 (TACOM)

- (a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information.
- (b) Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of Clause]

30 52.246-4026 LOCAL ADDRESS FOR DD FORM 250 FEB/2004 (TACOM)

- (a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:
- (1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address: DD250@tacom.army.mil
- (2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number: (586) 574-7326 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

- (b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.
 - (c) The DD250 form may be found, in three different formats, on the World Wide Web at http://webl.whs.osd.mil/icdhome/DD-0999.htm
- (d) When the final DD 250 has been submitted, the contractor shall send a letter, with a copy of the DD250, indicating that the last DD 250 has been submitted and transmit it to the Government using one of the following methods:

Reference No. of Document Being Continued Page 34 of 35 **CONTINUATION SHEET** PIIN/SIIN W56HZV-04-P-0480 MOD/AMD Name of Offeror or Contractor: BORISCH MANUFACTURING CORP (1) Our first preference is for you to send the letter to the DD250 mailbox at DD250@tacom.army.mil AND the Contract Specialist's email (located on the first page of your contract in block 5). (2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number: (586) 874-7552 and use DD250 mailbox and Contract Specialists name in the to: block of your fax cover or header sheet. [End of Clause] 31 52.247-4005 SHIPMENT OF SUPPLIES AND DETENTION OF CARRIER'S EQUIPMENT AUG/2003 (TACOM) (a) Unless otherwise directed, shipment items under this contract in following order of priority: (1) Government/Commercial Bills of Lading or US Postal Services; (2) Prepaid Commercial Bill(s) of Lading with transportation charges entered as a separate item on the invoice; or (3) As otherwise instructed when the contract prohibits use of Government funds for transportation costs. (b) The Contractor will request: (1) Government Bills of Lading and (2) Routing and other instructions, including Defense Transportation Regulation (DTR), DOD Regulation 4500.9-R-Part 2 Cargo Movement, as to the methods of shipment to be followed by the Contractor, or (c) The Contractor and subcontractor(s) must allow prompt and convenient access of carrier's equipment to loading docks or platforms where the contract items supplies will be loaded. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government. [End of Clause] 52.247-4010 32 TRANSPORTATION DATA FOR FOB ORIGIN OFFERS FEB/1994 (TACOM) (a) Provide the following information for us to use in selecting the most favorable mode of shipment. We'll also use this Offeror represents that:

information in our evaluation of transportation costs.

	Facilities for shipping by rail		
	[] are [] are not		
ilable at t	the F.O.B. point(s) stated in this solicitat	tion.	
(2)	If rail facilities are not available at th	he F.O.B. point(s), the name and location	of the nearest team track is:
	(NAME)	(LOCATION)	_
(3)	(NAME) Facilities for shipping by water	(LOCATION)	_
(3)		(LOCATION)	_

available at the F.O.B. point(s) stated in this solicitation.

(4) Facilities for shipping by motor

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CONTINUATION SHEET

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[]	are	
Γ	1	are	not

available at the F.O.B. point(s) stated in this solicitation.

(5) If there is a Contractor Reimbursable Loading Charge and you didn't include it in the offered unit price in Section B, please indicate it below, per unit:

RAIL:_____/Unit MOTOR:____/Unit WATER:____/Unit

CAUTION: GIVE THE COST OF REIMBURSABLE LOADING CHARGE (NOT ALREADY IN THE OFFERED UNIT PRICE) ON A PER UNIT BASIS. THE UNIT OF MEASURE IS AS INDICATED ON THE SCHEDULE PAGE, SECTION B, UNDER THE UNIT COLUMN.

- (b) We will consider any charge listed above in the overall transportation evaluation of this solicitation. Unless you fill-in the above information for loading charges, we will consider all costs associated with loading to be included in the item price offered in Section B. These costs include: (i) loading, (ii) blocking, (iii) bracing, (iv) drayage, (v) switching, or (vi) any other service necessary to effect delivery F.O.B. carrier's equipment you've indicated as available and we specify at time of shipment.
- (c) If rail facilities aren't available at the designated F.O.B. point(s), rail won't be used unless directed by the Administrative Contracting Officer (ACO). If the ACO tells you rail facilities will be used, we'll adjust the contract price by adding the loading charge filled in above for transportation to the nearest rail facility.
- (d) IF YOU DO NOT FILL IN AN ADDITIONAL CHARGE FOR RAIL SHIPMENT ABOVE, YOU AGREE THAT THE CONTRACT PRICE ALREADY INCLUDES ALL CHARGES FOR SUCH SHIPMENTS. THEREFORE, SHIPMENT BY RAIL WILL NOT COST US ANY MORE.

[End of Provision]

33 52.247-4016 HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS (TACOM)

JUL/2002

ALL NON-MANUFACTURED WOOD USED IN PACKAGING SHALL BE HEAT TREATED TO A CORE TEMPERATURE OF 56 DEGREES CELSIUS FOR A MINIMUM OF 30 MINUTES. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL BE AFFILIATED WITH AN INSPECTION AGENCY ACCREDITED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARD COMMITTEE. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL ENSURE TRACEBILITY TO THE ORIGINAL SOURCE OF HEAT TREATMENT. EACH BOX/PALLET SHALL BE MARKED TO SHOW THE CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD. BOXES/PALLETS AND ANY WOOD USED AS INNER PACKAGING MADE OF NON-MANUFACTURED WOOD SHALL BE HEAT TREATED. THE QUALITY MARK SHALL BE PLACED ON BOTH ENDS OF THE OUTER PACKAGING, BETWEEN THE END CLEATS OR END BATTENS; ON TWO SIDES OF THE PALLET.

[End of Clause]